



# INSTITUTE FOR ANIMAL HEALTH

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## FAX TRANSMISSION

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**TO:** [REDACTED] **FROM:** [REDACTED]  
SAP Institute IAH Pirbright  
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**DATE:** 22.10.2007 **FAX NO:** [REDACTED]

**PAGES:** 2 **RE:** Strain differentiation results

Dear [REDACTED]

**Virus isolates: O TUR 11/2007, O TUR 13/2007, O TUR 29/2007, O TUR 30/2007**

Strain differentiation results for type O FMD virus isolates received on 27<sup>th</sup> July 2007.

The following  $r_1$  values were recently obtained by virus neutralization tests at the FAO World Reference Laboratory for FMD.

	<b><math>r_1</math> Values by neutralisation test against vaccine strains below</b>
<b>WRL Ref Number</b>	<b>O Manisa</b>
O TUR 11/07	0.45
O TUR 13/07	0.53
O TUR 29/07	0.51
O TUR 30/07	0.54

Yours sincerely

[REDACTED]  
**Head: World Reference Laboratory for FMD**

Cc [REDACTED]

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## **Interpretation of $r_1$ values**

### In the case of neutralisation:

$r_1 = \geq 0.3$ . Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$ . Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.